

FIELD OFFICE TECHNICAL GUIDE Sec. II
WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
41: Sparta-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
41B: Sparta-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.33
41D: Sparta-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Slope	0.16	Slope	1.00
51B: Vesser-----	100	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone	
		restricted	0.25	Seepage	0.50
		permeability		Slope	0.33
63B: Chelsea-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.09
63C: Chelsea-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
63D: Chelsea-----	100	Very limited Filtering capacity	1.00	Very limited Slope	1.00
		Slope	0.63	Seepage	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
63E: Chelsea-----	95	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage	1.00 1.00
63G: Chelsea-----	95	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage	1.00 1.00
65D2: Lindley-----	100	Very limited Restricted permeability Slope	1.00 0.16	Very limited Slope	1.00
65E2: Lindley-----	100	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65F: Lindley-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65G: Lindley-----	90	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
118: Garwin-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
119: Muscatine-----	90	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
120B: Tama-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
120B2: Tama-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
120C: Tama-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
120C2: Tama-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
120C3: Tama-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
120D2: Tama-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
120D3: Tama-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
122: Sperry-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone Seepage	1.00 0.50
133: Colo-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
133B: Colo-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Slope	1.00 1.00 0.50 0.33
135B: Coland-----	100	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Slope	1.00 1.00 1.00 0.33
136: Ankeny-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.01

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
139: Perks-----	90	Very limited Flooding Filtering capacity	1.00 1.00	Very limited Flooding Seepage Slope	1.00 1.00 0.01
141: Watseka-----	95	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
152: Marshan-----	90	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
160: Walford-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
162B: Downs-----	95	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage Slope	0.50 0.33
162C: Downs-----	100	Somewhat limited restricted permeability	0.35	Very limited Slope Seepage	1.00 0.50

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
162C2: Downs-----	100	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
162C3: Downs-----	100	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
162D2: Downs-----	100	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope	1.00
				Seepage	0.50
162D3: Downs-----	100	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope	1.00
				Seepage	0.50
163B: Fayette-----	95	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage	0.50
				Slope	0.33
163C: Fayette-----	100	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
163C2: Fayette-----	100	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
163D: Fayette-----	100	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50
163D2: Fayette-----	100	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50
163E: Fayette-----	95	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
163E2: Fayette-----	100	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
163F: Fayette-----	90	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
163G: Fayette-----	100	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
164: Traer-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
165: Stronghurst-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.01
173: Hoopeston-----	95	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
174: Bolan-----	90	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
174B: Bolan-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.33
175: Dickinson-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
175B: Dickinson-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.33
175C: Dickinson-----	100	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
179D2: Gara-----	95	Very limited Restricted permeability Slope	1.00 0.63	Very limited Slope	1.00
179F: Gara-----	95	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
212: Kennebec-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
249B: Zwingle-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Slope	0.91
291: Atterberry-----	90	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage	1.00 0.50
291B: Atterberry-----	90	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
293G: Chelsea-----	50	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage	1.00 1.00
Fayette-----	35	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
313G: Gosport-----	90	Very limited Depth to bedrock Depth to saturated zone Slope Restricted permeability	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to saturated zone	1.00 1.00 1.00
315: Aguolls-----	90	Not rated		Not rated	
352B: Whittier-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 0.33
352C: Whittier-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
352C2: Whittier-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00
352D2: Whittier-----	95	Very limited Filtering capacity Slope restricted permeability	1.00 0.63 0.35	Very limited Slope Seepage	1.00 1.00
450B: Pillot-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.33
450C2: Pillot-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 1.00
467: Radford-----	98	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
467B: Radford-----	98	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Slope	1.00 1.00 0.50 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
479G: Gale-----	90	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity restricted permeability	1.00 0.35	Seepage	1.00
480C2: Orwood-----	90	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
480D2: Orwood-----	100	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50
480F2: Orwood-----	100	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
481D2: Russell-----	95	Somewhat limited Slope restricted permeability	0.37 0.35	Very limited Slope Seepage	1.00 0.50
481E2: Russell-----	100	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
485: Spillville-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
485B: Spillville-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Seepage Depth to saturated zone Slope	1.00 0.71 0.33
488C2: Newvienna-----	90	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 0.50
488C3: Newvienna-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.35	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 0.50
488D2: Newvienna-----	95	Very limited Depth to saturated zone Slope restricted permeability	1.00 0.63 0.35	Very limited Slope Depth to saturated zone Seepage	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
488D3: Newvienna-----	100	Very limited Depth to saturated zone Slope restricted permeability	1.00 0.63 0.35	Very limited Slope Depth to saturated zone Seepage	1.00 1.00 0.50
490: Caneek-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
539: Perks-----	85	Very limited Flooding Filtering capacity	1.00 1.00	Very limited Flooding Seepage	1.00 1.00
566B: Moingona-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
566C: Moingona-----	95	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
567B: Moingona Variant----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
623C2: Rozetta-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.35	Very limited Slope Seepage	1.00 0.50
623D2: Rozetta-----	100	Somewhat limited Slope Depth to saturated zone restricted permeability	0.63 0.43 0.35	Very limited Slope Seepage	1.00 0.50
653: Tuskeego-----	95	Very limited Restricted permeability Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
680G: Lindley-----	50	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
Douds-----	20	Very limited Slope Depth to saturated zone	1.00 0.40	Very limited Slope Seepage	1.00 1.00
Orwood-----	20	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
684: Elrick-----	90	Very limited Filtering capacity Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40

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		Rating class and limiting features	Value	Rating class and limiting features	Value
727: Udolpho-----	100	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.35	Very limited Seepage Depth to saturated zone	1.00 1.00
753B: Thebes-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 0.33
753C: Thebes-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00
753C2: Thebes-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00
753D2: Thebes-----	95	Very limited Filtering capacity Slope restricted permeability	1.00 0.63 0.35	Very limited Slope Seepage	1.00 1.00
759: Fruitfield-----	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
759B: Fruitfield-----	100	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.33
763E3: Exette-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
763F3: Exette-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
771C2: Waubeek-----	95	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
771D2: Waubeek-----	100	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50
793: Bertrand-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage	1.00
				Slope	0.01
826: Rowley-----	90	Very limited Depth to saturated zone	1.00	Very limited Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
		restricted permeability	0.25		

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
916B: Downs-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 0.33
916B2: Downs-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 0.33
916C: Downs-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00
916C2: Downs-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00
917B: Fayette-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 0.33
917C: Fayette-----	100	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
917C2: Fayette-----	95	Very limited Filtering capacity restricted permeability	1.00 0.35	Very limited Seepage Slope	1.00 1.00
917D2: Fayette-----	95	Very limited Filtering capacity Slope restricted permeability	1.00 0.63 0.35	Very limited Slope Seepage	1.00 1.00
920B: Tama-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.33
920B2: Tama-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.33
920C: Tama-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 1.00
920C2: Tama-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 1.00

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(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
920C3: Tama-----	95	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 1.00
925: Toolesboro-----	100	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
930: Orion-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Slope	1.00 1.00 0.50 0.01
960: Shaffton-----	95	Very limited Flooding Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
961: Ambraw-----	98	Very limited Flooding Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
963: Elvers-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Content of organic matter	1.00 1.00 1.00 1.00
977: Richwood-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.01
977B2: Richwood-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.09
1043: Bremer-----	95	Very limited Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 0.91	Very limited Seepage Depth to saturated zone	1.00 1.00
1212: Kennebec-----	85	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
1490: Caneek-----	98	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
1520: Coppock-----	95	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.35	Very limited Seepage Depth to saturated zone	1.00 1.00
1621: Houghton-----	100	Very limited Depth to saturated zone Subsidence	1.00 1.00	Very limited Content of organic matter Depth to saturated zone Seepage	1.00 1.00 1.00
1926: Canoe-----	90	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.35	Very limited Seepage Depth to saturated zone	1.00 1.00
2221: Palms-----	95	Very limited Depth to saturated zone Subsidence Filtering capacity restricted permeability	1.00 1.00 1.00 0.25	Very limited Depth to saturated zone Seepage Content of organic matter	1.00 1.00 1.00

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
2226: Elrin-----	90	Very limited Filtering capacity Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 0.71
2490: Caneek Variant-----	95	Very limited Filtering capacity Depth to saturated zone restricted permeability	1.00 0.84 0.25	Very limited Seepage Depth to saturated zone Slope	1.00 0.17 0.01
2587: Dolbee-----	100	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
2636: Radford-----	50	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
Hanlon-----	30	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
3133: Colo-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
3134: Zook-----	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.99	Very limited Depth to saturated zone	1.00
3135: Coland-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 1.00
3960: Shaffton-----	95	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
3961: Ambrow-----	95	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
4160: Walford-----	75	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Urban Land-----	25	Not rated		Not rated	
4162C: Downs-----	50	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
Urban Land-----	45	Not rated		Not rated	
4163D: Fayette-----	50	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50
Urban Land-----	45	Not rated		Not rated	
4636: Radford-----	50	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
Urban Land-----	45	Not rated		Not rated	
4759: Fruitfield-----	45	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Urban Land-----	45	Not rated		Not rated	

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Muscatine County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
4960: Shaffton-----	50	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
Urban Land-----	40	Not rated		Not rated	
4977B: Richwood-----	50	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.33
Urban Land-----	40	Not rated		Not rated	
5010: Pits-----	100	Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated	
W: Water-----	100	Not rated		Not rated	